Welcome to the 2016 IEEE International Conference on Cloud Computing (CLOUD 2016)!

The long-term goal of CLOUD is to establish a reputable and respectable conference for the international community of researchers and practitioners to exchange information regarding advancements in the state of the art and practice of Cloud Computing, and to identify emerging research topics and define the future of Cloud Computing. CLOUD 2016 is sponsored by the IEEE Computer Society Technical Committee on Services Computing (TC-SVC) and the Services Society (SS). CLOUD 2016 is the flagship conference of the 2016 IEEE Congress on Services (SERVICES 2016), celebrating the research accomplishments of the community along with other events to explore “Services” (Science and Technology), as promoted by the IEEE Computer Society in 2003!

“Change we are leading” is the theme of CLOUD 2016. Cloud Computing has become an elastic pay-as-you-go service creation, delivery, consumption, and management platform in Services Computing. The technical foundations of Cloud Computing include Service-Oriented Architecture (SOA), virtualization of hardware and software, process and workflow optimization, and usage-based accounting and billing. The goal of Cloud Computing is to cost effectively manage the lifecycle of quality-assured services and to share resources among service consumers, partners, and vendors in the cloud value chain. The resource sharing at various levels results in various cloud offerings, such as infrastructure clouds (e.g., hardware, IT infrastructure management), software clouds (e.g., software as a service focusing on middleware as a service, or traditional CRM as a service), application clouds (e.g., application as a service, UML modeling tools as a service, social network as a service), and business clouds (e.g., business process as a service).

As the most prestigious academic conference in the field of Cloud Computing, the CLOUD 2008–2015 conferences have proven to be excellent catalysts for research and collaboration, and we fully expect that the ICWS 2016 conference will continue this trend.

Many people have worked very hard to make this conference possible. We would like to thank all who have helped in making CLOUD 2016 a success. The Program Committee members and referees all deserve credit for producing an excellent final program that resulted from diligent reviews of the submissions. Special thanks go to the program chairs and all of the other organizing committee members. We would also like to express our appreciation to the Services Computing Professional Interest Community (PIC) at IBM Research for their continuous sponsorship. Clearly,
there are still many unresolved research issues with regard to services computing as it is a young field. We hope you enjoy the conference and contribute to future CLOUD events as authors, speakers, panelists, volunteers, and conference organizers. Finally, CLOUD belongs to you, the audience.

SERVICES Congress General Chairs
Rong Chang, IBM Research, USA
Ephraim Feig, Independent Consultant, USA
Louise Moser, University of California - Santa Barbara, USA

General Chairs
Carl Kesselman, Southern California University, USA
Jeffrey Tsai, Asia University, Taiwan